Recd 10/10/22

# 2021 CERTIFICATION

Consumer Confidence Report (CCR)

Toccopolo Water System Name 0580017

List PWS ID #s for all Community Water Systems included in this CCR

INDIRECT DELIVERY METHODS (Attach copy of	f publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of adver-		9-28-22
□ On water bill (Attach copy of bill)		
□ Email message (Email the message to the address be	elow)	
□ Other (Describe:		
DIRECT DELIVERY METHOD (Attach copy of pu	blication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service		
□ Distributed via E-mail as a URL (Provide direct URL):		
□ Distributed via Email as an attachment		
Distributed via Email as text within the body of e	mail message	
Published in local newspaper (attach copy of publis	thed CCR or proof of publication)	9-28-22
Posted in public places (attach list of locations or list	here)	
Posted online at the following address (Provide direct URL):		
	CERTIFICATION	
nereby certify that the Consumer Confidence Report ( e appropriate distribution method(s) based on popula correct and consistent with the water quality monitori Federal Regulations (CFR) Title 40, Part 141.151 – 1	tion served. Furthermore, I certify that the infing data for sampling performed and fulfills all	ormation contained in the
Mike Mortin	_ Operator	10-1-27
Name	Titlo	Date

# OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply. Email: water.reports@msdh.ms.gov

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

## 2021 Annual Drinking Water Quality Report Toccopola Water Association

PWS#: 0580017 June 2022 2022 JUN 30 PHS:01

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Ripley Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Toccopola Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact David S. Patton at 662.489.6537. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for the second Tuesday in May at 7:00 PM at the Thaxton Fire Dept. or Toccopola Community House.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

			,	TEST RESU	LTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source o	f Contamination
Microbiolog	gical Co	ontamina	ants						
1. Total Coliform	Y	December	Monitoring	0	NA	0		ence of coliform acteria in 5% of	Naturally present
								nonthly samples	in the environmen E Coli comes fron human and anima fecal waste
Bacteria including E. Coli  Inorganic (	Contam	inants							E Coli comes from human and anima

	- 19

10. Barium	N	2019*	.0102	,01010102	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.765	.764765	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	110000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfect	ion By-	Products	5					
Chlorine	Y	2021	.9	.3 – 1.5	mg/l	0	MDRL ≃ 4	Water additive used to control

<sup>\*</sup> Most recent sample. No sample required for 2021.

Microbiological Contaminants:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

### Violations:

During December 2021, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 2 samples and took none. We have since taken the required sample that showed we are meeting drinking water standards.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1,800.426.4791.

The Toccopola Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

<sup>(1)</sup> Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

Rec'd 9/30/22

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2021 Annual Drinting Water Quality Report Teccopole Water Association PWS#: 0580017 June 2022

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Microbio	logical (	Contamin	ants-						
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Inorgani	c Conta	minants							
fi. Arsarsio	N	2019	.6	No Range	ppb	n/a	10	trompon of minural deposits, runoff from archards, runoff from glass and electronics, production weather	
TO Ballion	N.	2018	,0102	.01010102	ррт	2	-2	discharge from metal refinition, armion of natural apposits	
se. Copper	N.	2018/20*	.1	0	рдип	1.3	AL~1.3	Corrotion of household plumbing systems; excelon of natural deposits insecting from wood preservatives	
n Fluoride	H	2019*	766	,764 - ,765	ppm	4		Eroeion of natural deposits, water edulitive which promotes strong teeth; discharge from fertilizer an aluminum fectories.	
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